



U.S. DEPARTMENT OF LABOR
WORKPLACE STANDARDS ADMINISTRATION
BUREAU OF LABOR STANDARDS
MATERIAL SAFETY DATA SHEET

5357-2

FORM NO. OSHA-20 (MODIFIED)
MAY 1971

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MDC CONTROL NO. _____

SECTION I: MATERIAL AND MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME Furane Plastics, Inc.		EMERGENCY TELEPHONE NO. 213/247-6210
ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE) 5121 San Fernando Rd. W., Los Angeles, Calif. 90039		
CHEMICAL NAME AND SYNONYMS Epoxy/amine mixture		TRADE NAME AND SYNONYMS EPOCAST 87005-A/B
CHEMICAL FAMILY Epoxy/amine	FORMULA High polymer	

SECTION II: HAZARDOUS INGREDIENTS*

PAINTS, PRESERVATIVES/SOLVENTS	%	TLV (UNITS)	ALLOYS AND METALLIC COATINGS	%	TLV (UNITS)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES*				%	TLV (UNITS)

SECTION III: PHYSICAL DATA

BOILING POINT (°F)	Decomposes		SPECIFIC GRAVITY (H ₂ O = 1)	.5
VAPOR PRESSURE (mm Hg.)	Unknown		PERCENT VOLATILE BY VOLUME (%)	0
VAPOR DENSITY (AIR = 1)	> 1		EVAPORATION RATE (_____ = 1)	Unknown
SOLUBILITY IN WATER	Insoluble			
APPEARANCE AND ODOR	White to tan paste.			

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)	C.O.C. > 250°F.	FLAMMABLE LIMITS	LeI	UeI
EXTINGUISHING MEDIA	Water, foam or dry powder.	Unknown	N/A	N/A
SPECIAL FIRE FIGHTING PROCEDURES	Provide adequate ventilation of self-contained breathing apparatus to fire fighters.			

UNUSUAL FIRE AND EXPLOSION HAZARDS

None

*PLEASE DO NOT USE GENERALIZATIONS, SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES.
USE SPECIFIC CHEMICAL NAMES, SUCH AS METHANOL, BENZENE, PERCHLOROETHYLENE.

SECTION V: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

Not on toxic substances list. S.P.I. Hazard Class 4

EFFECTS OF OVEREXPOSURE

Dermatitis after prolonged or repeated contact.

EMERGENCY AND FIRST AID PROCEDURES

Avoid skin contact, wash with soap and water. For eyes contact, flush with water for 10-15 minutes, consult physician.

SECTION VI: REACTIVITY DATA

STABILITY	UNSTABLE	X	CONDITIONS TO AVOID Too high temperature storage.
	STABLE		

INCOMPATIBILITY (MATERIALS TO AVOID)

Strong amines or peroxides

HAZARDOUS DECOMPOSITION PRODUCTS

Unknown

HAZARDOUS POLYMERIZATION	MAY OCCUR	X	CONDITIONS TO AVOID Curing temperatures in excess of 400°F.
	WILL NOT OCCUR		

SECTION VII: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Shovel up spill into waste container, wash down area with strong detergent and water.

WASTE DISPOSAL METHOD

Incinerate or sanitary land fill.

SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE)

None needed

VENTILATION	LOCAL EXHAUST	SPECIAL N/A
	Preferred MECHANICAL (GENERAL)	OTHER

PROTECTIVE GLOVES

Rubber or poly

EYE PROTECTION

Face shield or goggles.

OTHER PROTECTIVE EQUIPMENT

Suggest protective skin creams.

SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in original sealed containers.

OTHER PRECAUTIONS

See Furane Safety Bulletin.

W. J. Dewar, Executive Staff
PREPARED BY

12/4/72
DATE